

INTERNATIONAL SEARCH REPORT

In ional Application No
PCT/IL2004/001168

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06T17/50 G06T5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SETHIAN J A: "Evolution, implementation, and application of level set and fast marching methods for advancing fronts" JOURNAL OF COMPUTATIONAL PHYSICS ACADEMIC PRESS USA, vol. 169, no. 2, 20 May 2001 (2001-05-20), pages 503-555, XP002325672 ISSN: 0021-9991 the whole document</p> <p style="text-align: center;">----- -/--</p>	1-33

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

21 April 2005

Date of mailing of the international search report

10/05/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SETHIAN J A: "A fast marching levelset method for monotonically advancing fronts" NAT. ACAD. SCI. 93(4), 'Online! 1996, pages 1591-1595, XP002325671 Retrieved from the Internet: URL:http://math.berkeley.edu/{sethian/Papers/sethian.fastmarching.pdf.gz}> 'retrieved on 2005-04-21! cited in the application the whole document</p>	1-33
A	<p>US 2002/100009 A1 (XING ZHAOYUN ET AL) 25 July 2002 (2002-07-25) the whole document</p>	1-33
A	<p>MELCHIOR P ET AL: "Consideration of obstacle danger level in path planning using A<*> and Fast-Marching optimisation: comparative study" SIGNAL PROCESSING, AMSTERDAM, NL, vol. 83, no. 11, November 2003 (2003-11), pages 2387-2396, XP004463300 ISSN: 0165-1684 cited in the application the whole document</p>	1-33
A	<p>DESCHAMPS T ET AL: "Fast extraction of minimal paths in 3D images and applications to virtual endoscopy" MEDICAL IMAGE ANALYSIS, OXFORD UNIVERSITY PRESS, OXOFRD, GB, vol. 5, 2001, pages 281-299, XP002904305 ISSN: 1361-8415 cited in the application the whole document</p>	1-33
A	<p>LIVINGSTONE D ET AL: "Fast marching and fast driving: combining off-line search and reactive A.I." 4TH INTERNATIONAL CONFERENCE ON INTELLIGENT GAMES AND SIMULATION (GAME-ON 2993), November 2003 (2003-11), XP002325673 UK cited in the application the whole document</p>	1-33
A	<p>US 6 604 005 B1 (DORST LEENDERT ET AL) 5 August 2003 (2003-08-05) cited in the application the whole document</p>	1-33
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 324 478 B1 (POPOVICI ALEXANDER M ET AL) 27 November 2001 (2001-11-27) cited in the application the whole document -----	1-33
A	US 6 496 188 B1 (DESCHAMPS THOMAS ET AL) 17 December 2002 (2002-12-17) cited in the application the whole document -----	1-33

INTERNATIONAL SEARCH REPORT

Information on patent family members

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